	Application No.	Applicant(s)
Notice of Allowability	10/649,871	HAGIWARA, HIROYUKI
	Examiner	Art Unit
	Tianjie Chen	2656
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) of NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGOT THE Office or upon petition by the applicant. See 37 CFR 1.313	ars on the cover sheet with the OR REMAINS) CLOSED in this or other appropriate communica GHTS. This application is subjection	application. If not included tion will be mailed in due course. THIS
1. This communication is responsive to RCE filed on 12/07/20	<u>05</u> .	
2. 🔀 The allowed claim(s) is/are <u>1</u> .		
 3. Acknowledgment is made of a claim for foreign priority under a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 	been received.	
3. Copies of the certified copies of the priority doc	, ,	
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONMETHIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		ply complying with the requirements
4. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give		
5. CORRECTED DRAWINGS (as "replacement sheets") must	be submitted.	
(a) ☐ including changes required by the Notice of Draftsperso	on's Patent Drawing Review (P	ΓΟ-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	Amendment / Comment or in th	e Office action of
Identifying indicia such as the application number (see 37 CFR 1.6 each sheet. Replacement sheet(s) should be labeled as such in the		
 DEPOSIT OF and/or INFORMATION about the depos attached Examiner's comment regarding REQUIREMENT F 		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5 D Notice of Informa	al Patent Application (PTO-152)
2. Notice of Praftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summ	
3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/08	Paper No./Mail	
Paper No./Mail Date	_	
 Examiner's Comment Regarding Requirement for Deposit of Biological Material 	8. ⊠ Examiner's State 9. □ Other	ement of Reasons for Allowance
	(Sun Jonyc TIANJIE CHEN
	PI	RIMARY EXAMINER

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 12/07/2005 has been entered. Claim 5 is pending.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

• In Specification p. 1, the first paragraph has been changed to -- This is a continuation application of U.S. Patent Application No. 09/668,375, filed on September 25, 2000; now US patent No. 6,707,782 B1--.

Reasons for Allowance

- 3. The following is an examiner's statement of reasons for allowance:
 - With regard to claim 5, as the closest reference on record, Price et al (US 5,826,325) shows an information recording and/or reading apparatus, including: a base plate having a notch therein, a support plate, a spindle motor having an inherent output shaft perpendicular to the base plate, the output

shaft rotatably driving a disk; a head unit including a motor supported on the support plate by portion, and for determining a rotation position of a recording/reading head of the head unit about a rotary axis parallel to the output shaft of the spindle motor; a vertical pivot shaft at the center of extending parallel to the rotary axis; and a pivot mechanism for pivoting the support plate, on which the head unit is supported, about the vertical shaft relative to the base plate, wherein at least a portion of the head unit passes through the notch; but fails to show that the vertical pivot shaft disposed apart from the rotary axis and an encoder included in head unit and a moving stage, which mounts the spindle motor and a stage driving mechanism for driving said moving stage toward or away from the rotary alignment axis.

 Applicant asserts: the present invention is to "provide an information recording/reading apparatus which allows very easy exchange of a recording/reading head and disks and can avoid troubles such as damage to the recording/reading head and disk during exchange" (Specification, p. 2).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tianjie Chen whose telephone number is 571-272-7570. The examiner can normally be reached on 8:00-4:30, Mon-Fri.

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supervisor, Hoa Nguyen can be reached on 571-272-7579. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR

only. For more information about the PAIR system, see http://pair-direct.uspto.gov.

Should you have questions on access to the Private PAIR system, contact the

Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TIANJIE CHEN

PRIMARY EXAMINER